NETWORK PROGRAMMING LAB

1. Write a shell script that accepts a file name, starting and ending line numbers as arguments and displays all the lines between the given line numbers.

2. Write a shell script that deletes all lines containing a specified word in one or more files supplied as arguments to it.

3. Write a shell script that displays a list of all the files in the current directory to which the user has read, write and execute permissions.

4. Write a shell script that receives any number of file names as arguments checks if every argument supplied is a file or a directory and reports accordingly. Whenever the argument is a file, the number of lines on it is also reported.

5. Write a shell script that accepts a list of file names as its arguments, counts and reports the occurrence of each word that is present in the first argument file on other argument files.

6. Write a shell script that accepts any number of arguments and prints them in the reverse order.

7. Write a shell script that determines the period for which a specified user is working on the system.

8. Write a shell script to list all of the directory files in a directory.

9. Write an interactive file-handling shell program- Let it offer the user the choice of copying, removing or linking files. Once the user has made a choice, have the program ask him for the necessary information such as the file name, new name and so on.

10. Write a shell script to find factorial of a given integer.

11. Write a shell script to find the G.C.D. of two integers.

12. Write a shell script to generate a multiplication table.

13. Write a shell script that copies multiple files to a directory.

14. Write a shell script that counts the number of lines and words present in a given file.